



# FACILITY COMPLIANCE AUDIT REPORT

## Division of Waste Management Solid Waste Section

**UNIT TYPE:**

Lined MSWLF	X	LCID		YW		Transfer		Compost		SLAS		COUNTY: Guilford PERMIT NO.: 41-12 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

**Date of Audit:** 06/03/09**Date of Last Audit:** 01/16/09**FACILITY NAME AND ADDRESS:**

City of Greensboro, White Street Landfill  
2503 White Street  
Greensboro, N.C. 27405

**GPS COORDINATES:** N: 36.10556 E: 79.72998**FACILITY CONTACT NAME AND PHONE NUMBER:**

Scott Bost, Waste Disposal Manager  
Office: 336-373-7660  
Cell: 336-430-6171  
e-mail: david.bost@greensboro-nc.gov

**FACILITY CONTACT ADDRESS:**

City of Greensboro, Solid Waste Management  
Division  
P.O. Box 3136  
Greensboro, North Carolina 27402

**AUDIT PARTICIPANTS:**

Lewis Walker, Compliance Officer  
Jewell Grinnal, Administrative Assistant  
Hugh Jernigan, Solid Waste Section

**STATUS OF PERMIT:**

Date of Original Permit to Operate (Cell 1, Phase III): December 9, 1997  
Modification, Permit to Operate (Cell 1 expansion): May 15, 1998  
Modification, Permit to Operate (Alternative liner, Cell 2): June 14, 2001  
Modification, Permit to Operate (Cell 3): April 14, 2005  
**Permit Review Date: April 14, 2010**

**PURPOSE OF AUDIT:**

Comprehensive Audit

**NOTICE OF VIOLATION(S):**

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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**STATUS OF PAST NOTED VIOLATIONS:**

NONE

**AREAS OF CONCERN AND COMMENTS:**

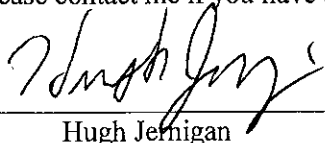
1. The facility is a MSW Landfill (Phase III area) operating under Permit No. 41-12. At the same location a Compost Facility, Closed MSW Landfill (Phase II area), and C&D Landfill over a Closed MSW Landfill are permitted under separate Permit No. 41-03.
2. The service area for the facility is Guilford County.
3. The MSW Landfill ceased receiving daily waste loads of residential, commercial, and industrial waste in September 2006 since the opening of the Greensboro MSW Transfer facility at another location.
4. The MSW landfill is active, but has a reduced waste acceptance (mostly bar screen waste from the City of Greensboro Waste Water Treatment Plant, and ash generated by the City of Greensboro). The MSW landfill is utilized primarily as an emergency back-up disposal for the transfer station.
5. The City of Greensboro has plans to keep the MSW landfill open for emergency situations and acceptance of the above-mentioned waste materials. There is approximately 2.2 million cubic yards of disposal airspace remaining of the permitted capacity of 3.68 million cubic yards.
6. A permit revision request for modifying the side slopes of the MSW Landfill from 4:1 to 3:1 and increasing landfill capacity has been submitted by the City of Greensboro and is under review by the Solid Waste Permitting Staff.
7. Reviewed permit, operational plans, and facility operational records, including tonnage reports, random inspections, methane monitoring, leachate logs, semi-annual monitoring reports, plans and training records.
8. The MSW landfill disposed 461.58 tons of waste for the month of April 2009. The facility disposed of approximately 3,887 tons for the previous year, January – December 2008.
9. Reviewed methane monitoring reports. The last methane monitoring event was conducted April 3, 2009. No methane was detected in facility structures and no exceedances noted in monitoring wells or at facility boundaries.
10. Reviewed most recent semiannual ground water, leachate, and surface water monitoring report.
11. Reviewed landfill training records, the facility has numerous certifications for landfill operators and managers, including the following: Scott Bost, Manager of Landfill Operations, expires 10/28/09; Scott Bost, Construction and Demolition Debris Landfill Manager of Landfill Operations, expires 10/28/10; Scott Bost, Transfer Station Manager, expires 10/15/09; Robert Rash, Compost Manager, expires 02/10/10; John Bauer, Certified Landfill Operations Specialist, expires 06/14/10; Eddie Briggs, Certified Landfill Operations Specialist, expires 06/14/10; David Frazier, Certified Landfill Operations Specialist, expires 06/14/10; Bernard Gardner, Certified Landfill Operator Specialist, expires 06/14/10; Robert Rash, Certified Landfill Operations Specialist, expires 06/14/10; Donald Van Eaton, Certified Landfill Operations Specialist, expires 06/14/10; Dewayne Wheeler, Certified Landfill Operations Specialist, expires 06/14/10; David Johnson, Certified Landfill Operations Specialist, expires 02/08/11; Lewis Walker, Certified Landfill Operations Specialist, expires 02/08/11; Chuck Waite, Certified Landfill Operations Specialist, expires 02/08/11; and Ken Wilson, Certified Landfill Operations Specialist.
12. Reviewed random inspection logs and contingency plans. No random inspections are currently being conducted for the MSW Landfill since the waste being disposed is only bar screen waste and ash. Random inspections are being conducted for incoming waste at the C&D Landfill.
13. Random inspections for the MSW would resume if the facility begins accepting general residential, commercial, and industrial waste.

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14. Observed landfill operations.
15. Phase III of the MSW facility consist of 3 cells, and disposal operations currently being conducted in Cell 3.
16. The working face was adequately controlled and well compacted. Due to the small amount of waste being received, soil cover is generally applied as the waste is placed on the working face. The working face was observed to be completely covered with soil during the inspection. The use of an alternative daily cover (Posi-Shell) is approved, but not being utilized at this time.
17. Adequate intermediate soil cover and vegetative cover over inactive areas.
18. A side slope repair has been conducted on the north facing side of the landfill in an area of approximately 450ft. x 150ft. The area was repaired and re-covered with soil due to the detection of a weak soil cover area. Seeding of the repaired area is to be conducted.
19. A landfill gas extraction/collection system is approved for the Phase III area. Landfill gas from Phase III can be flared or utilized for boiler fuel by Cone Mills Corporation. The landfill gas extraction system currently removes approximately 50-60 million cubic feet per month.
20. Leachate re-circulation has been approved but not in operation.
21. No windblown materials were observed in or around the MSW landfill.
22. The facility has a Storm Water NPDES Permit and has been recently inspected by Water Quality.
23. Sedimentation basins well maintained with adequate capacities, no off-site erosion noted.
24. Roadways well maintained.
25. Permanent edge of waste boundary markers should be re-installed in areas on the North and East side of the landfill.
26. Monitoring well casings are locked and enclosed within locked fences.
27. Leachate collected from the MSW Landfill is stored in two 375,000 storage tanks and leachate is pumped to the City of Greensboro Waste Water Treatment Plant. The most recent leachate discharges to the Waste Water Treatment Plant were in March 2009 (180,000 gallons) and May 2009 (270,000 gallons). The leachate tanks are operated to maintain adequate storage capacities for heavy rain events.
28. Road ways throughout the facility are well maintained.

Please contact me if you have any questions or concerns regarding this audit report.



Hugh Jernigan

Environmental Senior Specialist  
***Regional Representative***

Phone: 336-771-5093

Delivered on : 06/05/09 by	X	e-mail		US Mail		Certified No. [ ]
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cc: Mark Poindexter, Field Operations Branch Supervisor  
Jason Watkins, Central District Supervisor  
Donald Herndon, Compliance Officer